

GEO – TECHNICAL CONSULTANT

(Division of MACHTECH)

Plot no. 61 Vikaskung, Near Tower, Dibiyapur – 206244, District – Auraiya, Uttar Pradesh (India)

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REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. PMPL - BRCCPL (JV) as a part of their scope of work of development of Tubewell under Jal Jeevan Mission Project of SWSM, MTL conducted a Geophysical Continuous logging in the above borehole.


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|--------------|---|
| Village Name | SARKANDI ZONE 4 |
| Block | ASHOTHAR |
| District | FATEHPUR |
| Logged Depth | 158.1 MBGL |
| Type of Log | Continuous well logger (SP, N16 (SN), N64 (LN) & LAT) |
| Machine Used | IGIS |
| Logging Date | 12.03.2024 |

The following aquifer zones have been deciphered with the help of logging machine.

| Sr. No. | Depth Range (mtr BGL) | Thickness (mtr) | Expected Quality |
|---------|-----------------------|-----------------|------------------|
| 1 | 48 – 51 | 3 | Good |
| 2 | 55 – 62 | 7 | Good |
| 3 | 67 – 70 | 3 | Good |
| 4 | 85 – 93 | 8 | Good |
| 5 | 98 – 105 | 7 | Good |

Rw – 17.5 Ohm mtr and Rm – 15.9 Ohm mtr

Note: Below 106 MBGL to log depth not found granular zone.
All zones are intermixed with fine bands of kankar.


Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,


Authorised Signatory